| Inc                                     | 10v | of | Cla            | ims |
|---|-----|----|----------------|-----|
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Application/Control No.

Applicant(s)/Patent under Reexamination

10/613,028 Examiner

Date

AKAMA ET AL Art Unit

Truc T. T. Nguyen

2833

√ Rejected
= Allowed

- (Through numeral)
Cancelled
+ Restricted

Claim

Non-Elected

I Interference

A Appeal
O Objected

| Claim  |  | Date      |          |              |   |              |          |           |              |          |
|--|--|-----------|----------|--------------|---|--------------|----------|-----------|--------------|----------|
|  |  | Date      |          |              |   |              |          |           |              | $\dashv$ |
| Final  | Original   | S0/L/E    |          |              |   |              |          |           |              |          |
|  | 1  | 1         |          |              |   |              |          |           |              |          |
|  | 2  | 1         | _        |              | _   |              | _        |           |              |          |
|  | 3  |           |          |              |   |              |          |           |              |          |
|  | 4  |           |          |              |   |              |          |           |              | $\Box$   |
|  | 5  | _         | _        |              | _   | -            | -        |           | _            | $\neg$   |
|  | 1<br>2<br>3<br>4<br>5<br>6   |           | _        |              |   |              | _        |           |              |          |
|  | 7  | _         | _        |              |   |              |          |           |              | $\vdash$ |
|  | 8  | 1         | -        |              |   | _            |          |           |              | $\Box$   |
|  | 9  | _         |          |              |   |              |          |           |              |          |
|  | 10   | 7         |          |              |   | _            |          |           |              |          |
|  | 11   | 1         |          |              |   |              |          |           |              |          |
|  | 12   | 1         |          |              |   |              |          |           |              |          |
|  | 13   | 1         |          |              |   |              | $\Box$   |           |              | П        |
|  | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21 | 7 7 7 7 7 |          |              |   |              |          |           |              |          |
|  | 15   | 1         |          |              |   |              |          |           |              |          |
|  | 16   |           |          |              |   |              |          |           |              |          |
|  | 17   | 1         |          |              |   |              |          |           |              |          |
|  | 18   | 1         |          |              |   |              |          |           |              |          |
|  | 19   | 1         |          |              |   |              | _        |           |              |          |
|  | 20   | 1         |          |              |   |              |          |           |              |          |
|  | 21   | 77777     |          |              |   |              |          |           |              |          |
|  | 22   | 1         |          |              |   |              |          |           |              |          |
|  | 22<br>23<br>24<br>25<br>26<br>27<br>28<br>29                                   | 1         |          |              |   |              |          |           |              |          |
|  | 24   | 1         |          |              |   |              |          |           |              |          |
|  | 25   |           |          |              |   |              |          |           |              |          |
|  | 26   |           |          |              |   |              |          |           |              |          |
|  | 27   | L         |          | _            |   | <u> </u>     | _        |           |              |          |
|  | 28   |           |          | _            |   |              |          |           |              |          |
|  | 29   | L         |          |              |   |              |          |           |              |          |
| $ldsymbol{ld}}}}}}$ | 30<br>31<br>32   |           |          | _            |   |              | <u> </u> |           |              |          |
| L  | 31   |           |          |              | _   |              | <u> </u> |           |              |          |
|  | 32   |           |          |              |   |              | <u> </u> |           |              |          |
| <u> </u>   | 33<br>34<br>35   | <u> </u>  | _        | L_           | _   | <u> </u>     | L_       |           | lacksquare   | Ш        |
| <u> </u>   | 34   | L         | <u> </u> |              | L_  | _            |          |           | lacksquare   | Ш        |
|  | 35   | <u> </u>  | <u> </u> | <u> </u>     | _   |              | <u> </u> | $\square$ | ļ            |          |
|  | 36<br>37   |           | <u> </u> | <u> </u>     | <u> </u>  |              | <u> </u> |           | _            |          |
| <u> </u>   | 37   | <u> </u>  | <u> </u> | <u> </u>     | _   | <u> </u>     | <u> </u> | _         | _            | Ш        |
|  | 38<br>39   | ļ         | <u> </u> | <u> </u>     | <u> </u>  | <u> </u>     | <u> </u> | $\vdash$  | <u> </u>     | $\vdash$ |
| <u> </u>   | 39   | <u> </u>  | <u> </u> | <del> </del> | <u> </u>  | ├            | <u> </u> |           | <u> </u>     | _        |
|  | 40   | ├—        | <u> </u> | ├            | $\vdash$  | $\vdash$     | $\vdash$ | $\vdash$  | <del> </del> |          |
|  | 41   | <u> </u>  | -        | $\vdash$     | <u> </u>  |              | ├—       | -         | -            | $\vdash$ |
| <u> </u>   | 42   | <u> </u>  | ├-       | -            | -   | ├—           | ⊢        | H         | ⊢            | $\vdash$ |
| -  | 43   | ļ         | $\vdash$ | -            | $\vdash$  | -            | $\vdash$ | $\vdash$  | $\vdash$     | $\vdash$ |
| <u> </u>   | 44   | ├—        | <u> </u> | $\vdash$     | ⊢   | $\vdash$     | ⊢        | ⊢         | ├-           | -        |
|  | 45   | -         | -        | -            | $\vdash$  | $\vdash$     | -        | ├         | <del> </del> | -        |
|  | 46   | <u> </u>  | $\vdash$ | <u> </u>     | ├-  | -            |          | ├         | ├            | $\vdash$ |
| —  | 47   | -         | $\vdash$ | -            | $\vdash$  | <del> </del> | ├        | ├—        | <del> </del> | $\vdash$ |
| <del>                                     </del>   | 48   | $\vdash$  | ├-       | -            | ├-  | -            |          | ⊢         | ⊢            | H        |
| <u> </u>   | 49   | <u> </u>  | ├-       | ├-           | ├-  | <u> </u>     | ├-       | -         | <del> </del> |          |
| L  | 50   | l         | <u></u>  | Щ            | $ldsymbol{le}}}}}}}$ |              | <u> </u> |           | L_           | لـــــا  |

| Ciaiiii  |                                  | Η.       | _  |          |          |          | <u> </u> | _        |           |          |
|--|----------------------------------|----------|--|----------|----------|----------|----------|----------|-----------|----------|
| Final  | Original                         |          |  |          |          |          |          |          |           |          |
|  | 51                               |          |  |          |          |          |          |          |           |          |
|  | 51<br>52<br>53                   |          |  |          |          |          |          |          |           |          |
|  | 53                               |          |  |          |          |          |          |          |           |          |
|  | 54                               |          |  |          |          |          |          |          |           |          |
|  | 54<br>55                         |          |  |          |          |          |          |          |           |          |
|  | 56                               |          |  |          |          |          |          |          |           |          |
|  | 56<br>57<br>58                   |          |  |          |          |          |          |          |           |          |
|  | 58                               |          |  |          |          |          |          |          |           |          |
|  | 59<br>60                         |          |  |          |          |          |          |          |           |          |
|  | 60                               |          |  |          |          |          |          |          |           |          |
|  | 61                               |          |  |          |          |          |          |          |           |          |
| L  | 62<br>63                         | $\Box$   |  |          | L_       |          |          |          |           |          |
| ــــــــا  | 63                               |          |  |          |          |          |          |          |           |          |
|  | 64                               |          |  | _        |          | Ш        |          |          |           |          |
|  | 65<br>66                         | L_       |  | <u> </u> |          | _        | Ш        |          |           |          |
|  | 66                               | <u> </u> |  | _        |          | Щ.       | Ш        |          |           | _        |
|  | 67<br>68                         |          |  | _        |          |          |          |          |           |          |
|  | 68                               |          |  | _        |          |          |          |          |           |          |
|  | 69                               |          |  |          | _        |          |          | _        |           | _        |
|  | 70<br>71<br>72<br>73<br>74<br>75 |          |  |          | _        |          |          |          |           |          |
| ·  | 71                               |          |  |          |          |          |          |          | _         |          |
|  | 72                               |          |  |          |          |          |          |          |           |          |
|  | 73                               | _        |  |          |          | _        | _        | _        | _         | _        |
|  | 74                               |          |  | _        |          | _        |          |          |           | _        |
|  | 75                               |          |  |          |          | H        | _        | _        | _         | _        |
|  | 76<br>77                         |          |  |          | $\vdash$ |          | -        | _        |           | —        |
|  | 70                               | -        |  |          |          | ⊢        | _        |          |           | -        |
|  | 78<br>79                         | -        | -  | $\vdash$ | _        | -        | _        |          | _         | -        |
| <del>                                     </del> | 80                               | -        | <u> </u>   | $\vdash$ |          | -        | -        |          |           | -        |
|  | 81                               | -        | <u> </u>   | <u> </u> |          | -        | -        |          |           | -        |
|  | 81<br>82<br>83                   |          | _  | <u> </u> |          |          | -        | -        |           | -        |
|  | 83                               |          | _  | _        |          | $\vdash$ |          | -        |           |          |
|  | 84                               | -        | $\vdash$   | $\vdash$ |          | $\vdash$ |          |          |           | -        |
|  | 84<br>85                         | Н        |  |          | Н        | ļ. —     | -        |          | -         | $\vdash$ |
|  | 86                               |          | -  |          |          |          |          |          |           |          |
|  | 87                               |          | _  |          |          |          |          |          |           |          |
|  | 88                               |          | Г  |          | П        | Г        | $\vdash$ |          | Г         |          |
|  | 89                               |          |  |          |          |          |          |          |           |          |
|  | 90                               |          |  |          |          |          |          |          |           |          |
|  | 91                               |          |  |          |          |          |          |          |           |          |
|  | 92                               |          |  |          |          |          |          |          |           |          |
|  | 93                               |          |  |          |          |          |          |          |           |          |
|  | 94                               |          |  |          |          |          |          |          |           |          |
|  | 95                               |          |  |          |          |          |          |          |           | L        |
|  | 96                               |          | $\Box$   |          | _        | <u> </u> | _        | <u> </u> | _         | L        |
| L  | 97                               | <u> </u> | $ldsymbol{ld}}}}}}$ |          | _        | <u> </u> | <u> </u> | <u> </u> | <u> </u>  | _        |
|  | 98                               | <u> </u> | <u> </u>   | <u> </u> |          | <u> </u> | <u> </u> | _        | <u> _</u> | <u> </u> |
| <u></u>  | 99                               |          | <u> </u>   |          | <u></u>  | _        |          | <u> </u> |           | L_       |

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| Claim       |  | Date   |  |  |  |  |          |          |  |          |
|-------------|--|--|--|--|--|--|----------|----------|--|----------|
|             |  |  |  |  |  |  |          |          |  |          |
| <u>a</u>    | Original   |  |  |  |  |  |          |          |  |          |
| Final       | Ţ.   |  |  |  |  |  |          |          |  |          |
|             | 0  |  |  |  |  |  |          |          |  |          |
|             | 101  |  |  |  | -  | $\vdash$   | -        |          |  | Н        |
|             | 101<br>102   | Н  | Н  |  | -  | _  | $\vdash$ |          | -  | Н        |
|             | 103  |  | $\vdash$   |  |  |  | _        | _        |  | Н        |
|             | 103  | -  | -  |  | _  | $\vdash$   |          |          | -  | Н        |
|             | 103<br>104<br>105  | -  | -  | -  |  | -  | -        | _        | H  | Н        |
|             | 105  | _  | -  |  |  | _  |          |          | <u> </u>   | $\dashv$ |
|             | 106<br>107   | _  | $\vdash$   |  | _  | -  | _        | _        | -  | Н        |
|             | 107  | _  | $\vdash$   |  |  |  |          | -        | -  | $\dashv$ |
|             | 108  | <u> </u>   |  |  |  |  |          | _        |  | -        |
|             | 109  | _  |  |  | _  |  |          | _        | <u> </u>   | Н        |
|             | 110  | _  | _  | _  |  | _  | _        |          | _  | Н        |
|             | 111  | <u> </u>   | _  |  | _  | _  | _        |          | _  | Н        |
|             | 112  | _  | <u> </u>   |  |  | ļ  | <u> </u> | -        | <u> </u>   | Ш        |
| <u> </u>    | 113  |  |  | $\vdash$   | $\vdash$   |  | <u> </u> | <u> </u> | <u> </u>   | Щ        |
|             | 109<br>110<br>111<br>112<br>113<br>114<br>115<br>116               | <u> </u>   | _  | lacksquare                                       |  | _  | L        |          | <u> </u>   | Щ        |
|             | 115  | _  |  | $oxed{oxed}$                                     | <u> </u>   | $ldsymbol{\sqcup}$                               | L        |          | ļ  | Щ        |
|             | 116  | _  |  | $\sqcup$   | L  | _  | L        | _        | L_   | Ш        |
|             | 117  |  |  |  |  |  |          | <u> </u> |  | Ш        |
|             | 118  |  |  |  |  |  |          |          |  | Ш        |
|             | 119  |  |  |  |  |  |          |          |  |          |
|             | 120  |  |  |  |  |  |          |          | Ĺ  |          |
|             | 121  |  |  |  |  |  |          |          |  |          |
|             | 122  |  |  |  |  |  |          |          |  |          |
|             | 123  |  |  |  |  |  |          |          |  |          |
|             | 124  |  |  |  |  |  |          |          | Г  |          |
|             | 125  | _  |  | Г  |  |  |          |          | <u> </u>   |          |
|             | 126  |  |  |  |  |  |          |          | П  |          |
|             | 118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127 |  |  |  |  |  |          |          | Π  |          |
|             | 128<br>129<br>130<br>131<br>132                                    | Г  |  |  |  |  |          |          |  |          |
|             | 129  |  |  |  |  |  |          |          |  |          |
|             | 130  |  |  |  |  |  |          | Г        |  |          |
|             | 131  |  |  |  |  |  |          |          |  |          |
|             | 132  |  |  |  |  |  |          | _        |  | П        |
|             | 133  |  |  |  | $\Box$   | Г  |          | _        |  |          |
|             | 134  | _  | <del>                                     </del> |  |  |  |          |          | $\vdash$   | П        |
|             | 135  |  |  |  |  |  |          |          |  | П        |
|             | 136<br>137<br>138  |  | $I^-$  | $I^-$  |  |  |          | _        |  | П        |
|             | 137  |  | $\vdash$   | <u> </u>   | $\vdash$   |  |          | $\vdash$ | T  | Н        |
|             | 138  |  | <del>                                     </del> | $\vdash$   |  | T  |          | $\vdash$ |  | П        |
|             | 139  | Т  | <del>                                     </del> |  |  | Т  | _        | $\vdash$ | <del>                                     </del> | П        |
| <b>—</b>    | 140  |  |  | $\vdash$   |  | <del>                                     </del> | _        |          | $\vdash$   | Н        |
| $\vdash$    | 141  | $\vdash$   | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$ | H        | T  | H        |
|             | 142  | <del>                                     </del> | $\vdash$   | <del>                                     </del> | <del>                                     </del> | Н  | $\vdash$ |          | $\vdash$   | Н        |
| <del></del> | 143  | <del>                                     </del> | 1  | $\vdash$   | ┰  | $\vdash$   | $\vdash$ | $\vdash$ | <del>                                     </del> | Н        |
| $\vdash$    | 144  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ | t  | H        |
| <b></b>     | 145  | <del> </del>                                     | <del> </del>                                     | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash$ |          | <del>                                     </del> | Н        |
|             | 145  | $\vdash$   | <del> </del>                                     | $\vdash$   | -  | $\vdash$   | $\vdash$ | -        | $\vdash$   | Н        |
|             |  | ⊢  | <del> </del>                                     | ⊢  | ├  | ├-   | ⊢        | ⊢        | ├  | H        |
| <u> </u>    | 147  | <del> </del>                                     | <del> </del>                                     | ├  |  | -  |          |          | $\vdash$   | -        |
| <u></u>     | 148  | <u> </u>   | ⊢  |  | -  | $\vdash$   | ├        | ⊢        | <del> </del>                                     | -        |
|             | 149  | <del>  -</del>                                   | -  | $\vdash$   | <u> </u>   | <u> </u>   |          | $\vdash$ | ├  | <u> </u> |
| L           | 150  |  |  | <u> </u>   |  | <u></u>  | L        |          | <u></u>  | L_       |